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EXAMINER

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2416

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ELECTRONIC

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Note

The 101 rejection regarding claims 59, 66 have been withdrawn.

The 112 2nd rejection regarding claims 54, 57, 61, 64 have been withdrawn.

Applicant indicates status of claims 75-99 as not under consideration which Non-elected.

On pages 17, 18, 19 and 20 and regarding claims 8, 10, 54, 61 of the Remark, applicant argues that Kung does not disclose a plurality of call managers that each stores composite registration information associated with the devices controlled by the plurality of call managers; determining that a first call manager has gone off-line; and deleting registration information associated with the first call manager from the composite registration information stored by a second call manager; communicating status information from the first call manager to the second call manager in response to a change; and updating the composite registration information stored by the second call manager.

Examiner does not agree because Kung et al. discloses in fig. 1, a plurality of IP central station 200 (col.5, lines 1-5). Each IP central station 200 (shown in Fig.2), includes a call manager 218 (see col.6, line 63 to col.7, line 1; a first call manager and a second call manager or a plurality of call managers). The call manager includes a storage listing number of subscribers, verifies identity of the calling subscribers and authenticates whether a call is authorized (storing composite registration information associated with devices). See col. 10, lines 25-35 and lines 55-65.

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According to the specification, a call manger is off-line when a call manger is fail/reach full capacity (see specification on page 4, lines 20-30 and page 21, lines 20-30); and disconnected from the network or unable to communicate with other active call managers (see specification on page.21, lines 20-25). Further on page 3, lines 25-30 and page 4, lines 25-30, the specification describes claimed "deleting registration information associated with the first call manager" (see col.3, lines 25-30) as part of "device registration information is automatically updated between active call managers and sent to new call managers" (see page 4, lines 25-30). Therefore, examiner understands that "updating registration information associated with a call manger" automatically includes "deleting the registration information associated with a call manger".

Back to Kumar in fig. 13, step 1309, discloses call servers CS associated with a call manager are not available (see col.36, lines 10-17; a first call manager has gone off-line/down) or overloaded because of the current resource is not available (see col.36, lines 40-45) (determining a first call manager has gone off-line); .

One of functions of the call manager 218 is to provide call setup, call state maintenance, teardown, call processing such as voice over Ip for a user (see col. 9, lines 10-50 and col.10, lines 10-25; a call manger controls a device). In response to a new call wishes to join into an existing conference (step 1301 ; fig. 13; col.36, lines 15-20) and the current call manager 218, after polling its conference servers for available resource (step 1307, Fig. 13; col.36, lines 30- 43), defines that its servers does not have enough resources to provide the new call because the servers are overloaded (col.36, lines 10-15; a change

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occurs in a call manager such that the call manager is off-load). The call manager 218 communicates with other call managers 218 in other Ip domains (step 1315; col.36, lines 42-47) requesting available resource for the new call (see col. 36, lines 45-55; communicating status information from a first call manager to a second call manager in response to a change of a call manager controlling a device). Therefore, at step 1327, fig. 13, the new call manager 218 updates the new calling subscriber to the conference call (updating registration information by the second call manager in response to receiving the status information). See col.36, lines 55-60.

Kung does not disclose a second call manager deleting registration information associated with the first call manager in off-line status.

Based upon specifications on page 3, lines 25-30 and page 4, lines 25-30 shown above, when the new call manager 218 updates the new calling subscribers (registration information) to the conference call, it is inherent that there is deletion of existing subscribers or adding new subscribers information. Therefore, the step of deleting registration information associated with the first call manager is inherently included in the updating registration information step of Kumar.

For more information, the call manager 218 further comprises one or more databases, including resources that are connected to the broadband network 1 (fig. 1) and their current states (col.10, lines 55-65).

Therefore, examiner determines that the rejection of claims 8, 10, 54, 61 are maintained.

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/Hanh Nguyen/

Primary Examiner, Art Unit 2416